

MIXED SIGNAL PROCESSOR WITH NOISE MANAGEMENT

ABSTRACT OF THE DISCLOSURE

Mixed signal processor with noise management. A method for noise management in a mixed signal processor integrated circuit having a digital processing section and an analog section. The digital processing section is clocked at a first clock rate to process digital data. When a conversion operation is to be carried out by the analog section, the clocking of the digital processing section is inhibited during at least a portion of the data conversion operation by the analog section to prevent noise from clock transitions in the digital processing section from being injected into the analog section during the at least a portion of the data conversion operation.